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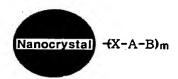
FITLE: PHOTOSENSITIVE SEMICONDUCTOR NANOCRYSTALS, PHOTOSENSITIVE COMPOSITION COMPRISING SEMICONDUCTOR NANOCRYSTALS AND METHOD FOR

FORMING SEMICONDUCTOR NANOCRYSTAL PATTERN USING THE SAME

NVENTOR(S): PARK, JONG JIN ET. AL. ATTORNEY DOCKET No.: 021269-013

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Fig. 1



X:-COO, -S, -NH2, -CN, etc.

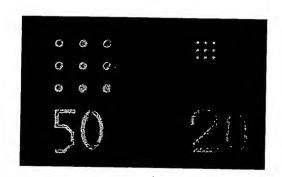
A.: $-(CR_2)_n$ -, $-(CR_2)_n$ -COO-, $-(CR_2)_n$ -NHCO-, $-(CR_2)_n$ -OCO-, $-(CR_2)_n$ -O-,

- \bigcirc - , - \bigcirc - , etc. [in which R is H, C_{1-3} alkyl group, and

n is 0, or an integer of 1 or more]

B:-CR₁=CR₂R₃ [in which R₁ is H, -COOH, C₁₋₃ alkyl group, halogen group, halogenated alkyl group, and R₂ and R₃ is independently H, C₁₋₃₀ alkyl group, -CN, -COOH, halogen group, unsaturated aliphatic hydrocarbon group having at least one carbon-carbon double bond, -O-, (wherein R' is halogen group, nitro group, hydroxy group, etc.), etc.]





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Fig. 3

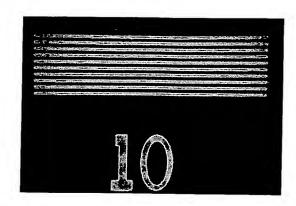


Fig. 4



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Fig. 5a

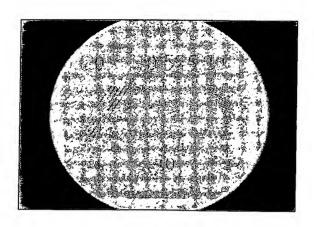
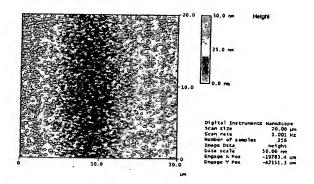


Fig. 5b



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Fig. 6

